

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|-------------------------------------------------------------------------------|------------------------------------|------------------|---------|------------------|
| S6 | 195 | ((crystal\$) or (xtal) or (3D) or (xray) or (x-ray)) same ("calcium channel") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/05 09:04 |
| S12 | 240 | ((crystal\$) or (xtal)) same ("calcium" with "channel") | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/03/05 09:06 |
| S13 | 55 | ((crystal\$) or (co-crystal\$) or (cocrystal\$)) same "14-3-3" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/25 12:40 |
| S14 | 9 | S13 and tabacum | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/25 12:41 |
| S15 | 9 | S13 and nicotiana | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/25 12:47 |
| S16 | 0 | S15 not S14 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/25 12:47 |
| S17 | 0 | wittinhofer.in. and ternary | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/25 12:47 |
| S18 | 0 | wittinhofer.in. and PMA | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/25 12:47 |
| S19 | 3 | wittinghofer.in. and PMA | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/25 12:48 |
| S20 | 2 | wurtele.in. and PMA | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/25 12:48 |
| S21 | 3 | oecking.in. and PMA | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/25 12:48 |
| S22 | 3 | jelich.in. and PMA | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2008/08/25 12:48 |

| | | | | | | |
|-----|----|-----------------|--------------------------------|----|-----|---------------------|
| S24 | :2 | ("6042824").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/02/23 14:03 |
| S25 | :2 | ("5849296").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/02/23 14:03 |
| S26 | :2 | ("7384914").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/03/01 09:57 |
| S27 | :2 | ("7429564").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/03/01 10:50 |
| S28 | :2 | ("7462368").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/03/02 09:29 |
| S29 | :2 | ("7420085").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/03/02 09:30 |
| S30 | :2 | ("5591752").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/07 10:19 |
| S31 | :2 | ("5801022").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/07 10:19 |
| S32 | :2 | ("5849296").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/07 10:21 |
| S33 | :2 | ("5976529").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/07 10:22 |
| S34 | :2 | ("5932212").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/07 10:24 |
| S35 | :2 | ("6004768").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/07 10:24 |
| S36 | :2 | ("6011001").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/07 10:24 |
| S37 | :2 | ("6500933").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/07 10:25 |
| S38 | :2 | ("6042824").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/07 10:25 |

| | | | | | | |
|-----|------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----|-----|------------------|
| S39 | 317 | lysozyme same cross-link\$ or crosslink\$ same surfactant same lyophiliz\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/07 10:29 |
| S40 | 4 | lysozyme same (cross-link\$ or crosslink\$) same surfactant same lyophiliz\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/07 10:29 |
| S41 | 1974 | lysozyme and (cross-link\$ or crosslink\$) and surfactant and lyophiliz\$ and (crystal\$ or cocrystal \$ or co-crystal\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/07 10:30 |
| S42 | 188 | (lysozyme same (crystal\$ or cocrystal \$ or co-crystal\$)) and (cross-link\$ or crosslink\$) and surfactant and lyophiliz\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/07 10:31 |
| S43 | 64 | (lysozyme with (crystal\$ or cocrystal \$ or co-crystal\$)) and (cross-link\$ or crosslink\$) and surfactant and lyophiliz\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/07 10:31 |
| S44 | 2 | ("5849296").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/07 11:00 |
| S45 | 4 | ("3664926").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/07 11:05 |
| S46 | 0 | s23:s38 and glucose | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/11 10:47 |
| S47 | 0 | s23:s38 and enzyme | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/11 10:47 |
| S48 | 2 | ("5932212").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:48 |

| | | | | | | |
|-----|------|----------------------------------------------------|------------------------------------|----|-----|------------------|
| S49 | 6606 | glucoamylase and (cross-link\$ or crosslink\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/11 10:50 |
| S50 | 139 | glucoamylase same (cross-link\$ or crosslink\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/11 10:50 |
| S51 | 41 | S50 and (crystal\$ or cocrystal\$ or co-crystal\$) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/11 10:51 |
| S52 | 34 | S51 and glucose | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/11 10:51 |
| S53 | 23 | S52 and column | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/11 10:51 |
| S54 | 2 | ("6042824").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:53 |
| S55 | 0 | S54 and glucoamylase | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/11 10:53 |
| S56 | 2 | ("5849296").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S57 | 2 | ("7384914").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S58 | 2 | ("7429564").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S59 | 2 | ("7462368").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S60 | 2 | ("7420085").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S61 | 2 | ("5591752").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S62 | 2 | ("5801022").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S63 | 2 | ("5849296").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |

| | | | | | | |
|-----|----|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|----|-----|---------------------|
| S64 | 2 | ("5976529").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S65 | 2 | ("5932212").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S66 | 2 | ("6004768").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S67 | 2 | ("6011001").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S68 | 2 | ("6500933").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S69 | 2 | ("6042824").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/11 10:54 |
| S70 | 1 | (S54 or S56 or S57 or S58 or S59 or S60 or S61 or S62 or S63 or S64 or S65 or S66 or S67 or S68 or S69) and glucoamylase | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/11 10:54 |
| S71 | 16 | (S54 or S56 or S57 or S58 or S59 or S60 or S61 or S62 or S63 or S64 or S65 or S66 or S67 or S68 or S69) and glucose | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/11 10:58 |
| S72 | 0 | S71 and "jacketed column" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/11 10:59 |
| S73 | 0 | S71 and jacket\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/06/11 10:59 |
| S74 | 2 | ("5591752").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/21 08:11 |
| S75 | 2 | ("5801022").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/21 08:11 |
| S76 | 2 | ("5849296").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/21 08:13 |

| | | | | | | |
|-----|----|------------------------------------------|------------------------------------------|----|-----|---------------------|
| S77 | 2 | ("5976529").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/21 08:29 |
| S78 | 2 | ("5932212").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/21 08:37 |
| S79 | 9 | ("5932212").URPN. | USPAT | OR | ON | 2010/06/21 10:03 |
| S80 | 2 | ("6004768").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/21 10:11 |
| S81 | 2 | ("6011001").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/21 10:12 |
| S82 | 2 | ("6500933").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/21 10:13 |
| S83 | 2 | ("6042824").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/06/21 10:14 |
| S84 | 2 | ("5932212").PN. | US-PGPUB; USPAT; DERWENT | OR | OFF | 2010/08/31 08:21 |
| S85 | 89 | margolin.in. and crystal\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/31 11:28 |
| S86 | 9 | S85 and CLEC | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/31 11:28 |
| S87 | 24 | S85 and surfactant | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/31 11:28 |
| S88 | 6 | S87 and glucoamylase | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/31 11:30 |
| S89 | 1 | "dialdehyde starch" with glucoamylase | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/31 11:41 |
| S90 | 0 | "starch dialdehyde" with glucoamylase | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/31 11:41 |
| S91 | 1 | "starch dialdehyde" same glucoamylase | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/31 11:41 |

| | | | | | | |
|-----|----|--------------------------------|------------------------------------------|----|----|---------------------|
| S92 | 74 | glucoamylase with crystal\$ | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2010/08/31 11:42 |
|-----|----|--------------------------------|------------------------------------------|----|----|---------------------|

EAST Search History (Interference)

<This search history is empty>

9/1/10 12:28:38 PM

C:\Documents and Settings\SNoakes\My Documents\EAST\Workspaces\Xtal\cross-linked xtals-hyrolase&oxido.wsp